

# Programmable D.C. Power Supply

C6



## FEATURES

- \* Digitized Programmable Interface, High Resolution 10mV, 1mA
- \* High Stability, Low Drift
- \* Over-Voltage, Over-Current, Over Temperature Protection
- \* Intelligent Fan Control (Change by Output Power)
- \* Built-in Buzzer Alarm
- \* Labview Driver
- \* Standard Interface: RS-232C
- \* Option: GPIB (IEEE-488.2)
- \* Optional European Jack Type Terminal

## PSS-Series

SPECIFICATIONS		
OUTPUT	PSS-2005	PSS-3203
Voltage	0~20V	0~32V
Current	0~5A	0~3A
OVP	0~21V	0~33V
<b>LOAD EFFECT</b>		
Voltage	≦ 3mV (≦ 5mV, rating current >3.0A)	
Current	≦ 3mA (≦ 5mA, rating current >3.0A)	
<b>SOURCE EFFECT</b>		
Voltage	≦ 3mV	
Current	≦ 3mA	
<b>RESOLUTION</b>		
Voltage	10mV	
Current	1mA (2mA, rating current >3.0A)	
OVP	10mV	
<b>PROGRAM ACCURACY(25 ± 5°C)</b>		
Voltage	≦ 0.05%+20mV	
Current	≦ 0.1%+5mA (+10mA, rating current>3.0A)	
OVP	≦ 0.05%+20mV	
<b>RIPPLE &amp; NOISE(20Hz~20MHz)</b>		
Voltage	Ripple : 1mVrms/3mVp-p Noise : 2mVrms/30mVp-p	
Current	≦ 3mArms (≦ 5mArms, rating current >3.0A)	
<b>TEMPERATURE COEFFICIENT (0 ~ 40°C)</b>		
Voltage	≦ 100ppm+3mV	
Current	≦ 100ppm+3mA	
<b>READBACK RESOLUTION</b>		
Voltage	10mV	
Current	1mA (2mA, rating current >3.0A)	
<b>READBACK ACCURACY(25 ± 5°C)</b>		
Voltage	≦ 0.05%+10mV	
Current	≦ 0.1%+5mA	
<b>READBACK TEMPERATURE COEFFICIENT</b>		
Voltage	≦ 100ppm+10mV	
Current	≦ 100ppm+5mA (+10mA rating current >3.0A)	
<b>RESPONSE TIME</b>		
Voltage Up	10%~90% ≦ 100mS	
Voltage Down	90%~10% ≦ 100mS (± 10% rating load)	
<b>DRIFT</b>		
Voltage	≦ 100ppm+10mV	
Current	≦ 150ppm+10mA	

<b>INTERFACE</b> Standard : RS-232C; Option: GPIB (IEEE488.2)
<b>POWER SOURCE</b> AC 100V/ 120V/ 220V ±10%, 230V (+10%/~6%), 50/60Hz
<b>ACCESSORIES</b> Instruction manual x 1, Power cord x 1 Test lead GTL-104 x 1(PSS-2005) or GTL-105 x 1(PSS-3203) European Test Lead GTL-204 x 1 (PSS-2005) or GTL-203 x 1 (PSS-3203)
<b>DIMENSIONS &amp; WEIGHT</b> 108(W) x 140(H) x 315(D) mm, Approx. 4.8kg

## ORDERING INFORMATION

- PSS-2005** 100W Single Output Programmable D.C. Power Supply  
**PSS-3203** 96W Single Output Programmable D.C. Power Supply

### Option

- Opt.01** : GPIB Interface (factory installed)  
**Opt.02** : GRA-403 Rack Mounting ( 19", 4U )

**NOTE** : When Opt.01 GPIB interface is ordered, the standard interface RS-232C will be deleted.